

Independent Claims 1, 9, 17, 18 and 25 have been amended to further distinguish Applicant's invention from the cited art. In addition, editorial changes have been made to Claims 19, 22-24 and 26 to even more clearly recite Applicant's invention.

Initially, Claims 19-24 and 26 were objected to because of a minor informality discussed in paragraph 1 of the Office Action. In response to this objection, these claims have been amended as suggested by the Examiner. Accordingly, this objection is deemed to be moot and should be withdrawn.

Claims 19-24 and 26 were indicated as being allowable if rewritten to overcome the objection discussed above. As this objection has been overcome, these claims are submitted to be allowable.

Claims 1, 6, 7, 9, 14, 17, 18 and 25 stand rejected under 35 U.S.C. §103 as allegedly being anticipated by Yoneno '118. In addition, Claims 2-5, 8, 10-13 and 16 were rejected under 35 U.S.C. §103 as allegedly being obvious over Yoneno. These rejections are respectfully traversed.

Applicant's invention as set forth in Claim 1 relates to an image display system for displaying an image on a screen in response to a position of a pointer. The image display system comprises projection-type image display means for displaying an image on the screen, detecting means for detecting coordinates responsive to the position of the pointer, and coordinates calculating means for calculating first position coordinates on the basis of the detected coordinates. In addition, display control means controls the display means to display the image indicating the position, wherein the image is displayed selectively either at the first position coordinates or at second position coordinates spaced by a predetermined distance from the first position coordinates.

Independent Claims 9, 17 and 18 relate to a method, a storage medium, and a computer program, respectively, and correspond to Claim 1. These claims have therefore been amended to include the feature of calculating first position coordinates on the basis of detected coordinates and displaying an image selectively either at the first position coordinates or at second position coordinates spaced by a predetermined distance from the first position coordinates.

Claim 25 relates to an image display system that includes a projection-type image display unit for displaying an image on a screen, a detector unit for detecting coordinates responsive to the position of the pointer, and a coordinate calculator to calculate first position coordinates on the basis of the detected coordinates. In addition, a display controller controls the display unit to display the image indicating the position. Claim 25 has been amended in the same manner of Claim 1, and thus recites that the image is displayed selectively either at the first position coordinates or at second position coordinates.

Support for the claim amendments can be found, for example, in Figure 5 and the corresponding specification discussed on page 12, line 13, et seq.

The patent to Yoneno relates to a remote coordinate input device capable of displaying a marker 12 on screen 7. As stated in the Office Action, positional data and signal data is used to display a marker image on the screen based on the orientation of the hand-held designating tool 1.

In contrast to Applicant's claimed invention, however, Yoneno is not understood to teach or suggest, among other features, controlling the image to be displayed selectively either at first position coordinates or at second position coordinates spaced by a predetermined distance from the first position coordinates. As understood, the marker 12 in Yoneno is displayed at a single position as determined by the positional data and signal data provided by the designating tool 1.

Accordingly, it is submitted that Applicant's invention as set forth in independent Claims 1, 9, 17, 18 and 25 is not taught or suggested by Yoneno, and thus reconsideration and withdrawal of the rejection under 35 U.S.C. §102(e) is respectfully requested.

Reconsideration and withdrawal of dependent Claims 2-5, 8, 10-13 and 16 under 35 U.S.C. §103 as allegedly being obvious over Yoneno is also deemed to be in order, and such action is respectfully requested.

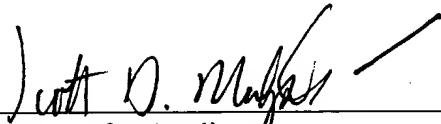
Accordingly, it is submitted that Applicant's invention as set forth in independent Claims 1, 9, 17, 18 and 25 is patentable over the cited art. In addition, dependent Claims 2-8 and 10-15 set forth additional features of Applicant's invention. Independent consideration of the dependent claims is respectfully requested.

In view of the foregoing, reconsideration and allowance of this application is deemed to be in order and such action is respectfully requested.

Applicant's undersigned attorney may be reached in our Washington, D.C.

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Respectfully submitted,



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VERSION WITH MARKINGS TO SHOW CHANGES MADE TO CLAIMS

1. (Amended) An image display system for displaying an image on a screen in response to a position of a pointer, the image display system comprising:

projection-type image display means for displaying an image on the screen;

detector means for detecting coordinates responsive to the position of said pointer; [and]

coordinates calculating means for calculating first position coordinates on the basis of the detected coordinates; and

display control means for controlling said display means to display the image indicating the position, wherein

the image is displayed selectively either at the first position coordinates or at second position coordinates [pointed by said pointer at position coordinates] spaced by a predetermined distance from the first position coordinates [detected by said detector means].

9. (Amended) A method for controlling an image display system for displaying an image on a screen in response to a position of a pointer, the method comprising the steps of:

indicating a position on the screen with the pointer;

detecting coordinates responsive to the position of the pointer; [and]

calculating first position coordinates on basis of the detected
coordinates; and
controlling a display to display an image indicating the position,
wherein the image is displayed selectively either at the first position
coordinates or at second position coordinates [pointed by the pointer at position coordinates]
spaced by a predetermined distance from the [detected] first position coordinates.

17. (Amended) A storage medium storing a computer program for
controlling an image display system for displaying an image on a screen in response to a position
of a pointer, said computer program comprising:

a program code for a projection-type image display step for displaying
the image on the screen;

a program code for a detection step for detecting coordinates responsive
to the position of the pointer; [and]

a program code for a calculating step for calculating first position
coordinates on the basis of the detected coordinates; and

a program code for a display control step for controlling the displayed
image to indicate the position [pointed to by the pointer at position coordinates spaced by a
predetermined distance from the detected position coordinates], wherein

the image is displayed selectively either at the first position coordinates or at second position coordinates spaced by a predetermined distance from the first position coordinates.

18. (Amended) A computer program for controlling an image display system for displaying an image on a screen in response to a position of a pointer, said computer program comprising:

a program code for a projection-type image display step for displaying the image on the screen;

a program code for a detection step for detecting coordinates responsive to the position of the pointer; [and]

a program code for a calculating step for calculating first position coordinates on the basis of the detected coordinates; and

a program code for a display control step for controlling the displayed image to indicate the position [pointed by the pointer at position coordinates spaced by a predetermined distance from the detected position coordinates], wherein

the image is displayed selectively either at the first position coordinates or at second position coordinates spaced by a predetermined distance from the first position coordinates.

19. (Amended) An image display system for displaying an image on screen in response to a position of a pointer, the image display system comprising:

- a pointer for indicating a position on the screen;
- detector means for detecting coordinates responsive to the position of said pointer, wherein the pointer includes a plurality of light emitters with [one of] a hollow section and a transparent section interposed therebetween; and
- projection-type image display means for displaying the image on the screen based on the detected coordinates.

22. (Amended) A method for controlling an image display system which displays an image in response to the position of a pointer, said method comprising the steps of:

- indicating a position on the screen with a pointer;
- detecting coordinates responsive to the position of the pointer, with the pointer including a plurality of light emitters with [one of] a hollow section and a transparent section interposed therebetween; and
- displaying the image on the screen based on the detected coordinates.

23. (Amended) A storage medium storing a computer program for controlling an image display system for displaying an image on a screen in response to a position of a pointer, said computer program comprising:

a program code for a detection step for detecting coordinates responsive to the position of the pointer, wherein the pointer includes a plurality of light emitters with [one of] a hollow section and a transparent section interposed therebetween; and

a program code for a projection-type image display step for displaying the image on the screen based on the detected coordinates.

24. (Amended) A computer program for controlling an image display system for displaying an image on a screen in response to a position of a pointer, said computer program comprising:

a program code for a detection step for detecting coordinates responsive to the position of the pointer, wherein the pointer includes a plurality of light emitters with [one of] a hollow section and a transparent section interposed therebetween; and

a program code for a projection-type image display step for displaying the image on the screen based on the detected coordinates.

26. (Amended) An image display system for displaying an image on screen in response to a position of a pointer, the image display system comprising:

a pointer for indicating a position on the screen;

a detector unit for detecting coordinates responsive to the position of said pointer, wherein said pointer includes a plurality of light emitters with [one of] a hollow section and a transparent section interposed therebetween; and

a projection-type image display unit for displaying the image on the
screen based on the detected coordinates.